

Material Selection Guide

SCAN ME
FOR MORE INFO



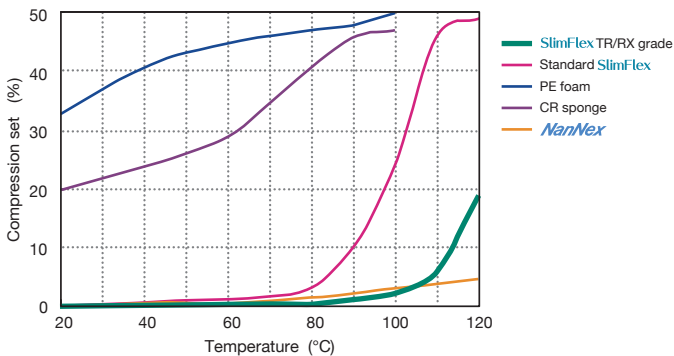
Recommend Application	Product Family	Grade Name	Material	Thickness (mm)	25% CLD (Mpa)	Density (kg/m3)	Flammability	Features	
Cell Compression Pad	SlimFlex	RX-32	Polyurethane	2.0 - 8.0	0.061	320	UL 94 V-0	V-0 FR rating	
		TR-24		2.0 - 10.0	0.035	240	UL 94 HBF FMVSS No.302	Soft	Heat resistance
		TR-32		1.0 - 5.0	0.066	320	FMVSS No.302 ≥2.0mm	Medium	
		XRS-48*		5.0	0.153	480	-	Low temp. dependency	
		XSA-20PR*		1.0 - 2.9	0.025	200	UL 94 HBF equivalent	Self-stick tacky surface	
	NanNex®	TL3503	Silicone	1.0 - 6.0	0.036	260	UL 94 V-0	High temp. heat resistance	
Sealing Gasket	SlimFlex	ATR-24PR	Polyurethane	2.0 - 5.0	0.060	240	FMVSS No.302 ≥4.0mm	Soft	Dust / Air tightness
		ATR-32PR		1.0 - 5.0	0.100	320	FMVSS No.302 ≥2.0mm	Medium	
	GOMSPOR®	TT-4106	Silicone	1.5 - 25.0	0.046	280	FMVSS No.302 ≥1.5mm	Sealing, mechanical strength	
	NanNex®	TL7404		1.0 - 6.0	0.089	400	UL 94 V-0 equivalent FMVSS No.302	IPX8 water seal rating	
Spacer / Damper Pad	CELLDAMPER®	BF-150	Polyurethane	0.5 - 50.0	0.034	150	FMVSS No.302	Soft ↑ ↓ Firm	Anti-vibration, Low compression set
		BF-300		1.5 - 50.0	0.156	300	FMVSS No.302		
		BF-400		3.0 - 50.0	0.232	400	FMVSS No.302		
		BF-500		3.0 - 40.0	0.413	500	FMVSS No.302		
		BF-700		3.0 - 40.0	0.844	700	FMVSS No.302		
	GOMSPOR®	E-4088	EPDM	1.0 - 31.0	0.032	100	FMVSS No.302 ≥5.0mm	Sealing, Heat and chemical resistance	
	E-4348	1.0 - 28.0		0.047	150	UL 94 V-0	Sealing, Low sulfur, V-0 FR rating		

Recommend Application	Product Family	Grade Name	Material	Thickness (mm)	Hardness (ASKER-C)	Thermal Conductivity (W/mk)	Flammability	Features	
Thermal Interface	TransCool	GXIII-1	Silicone	1.0 - 6.0	30	3.2	UL 94 V-0	Soft, high thermal conductivity	
		GNS	Acrylic	1.0 - 3.0	28	2.7	UL 94 V-0 ≥2.0mm UL 94 V-2 ≤1.5mm	Siloxane free	

* Products are under development, the physical properties of these items are subject to change.
* Non-standard grade.
* All values are typical values and not standard values.

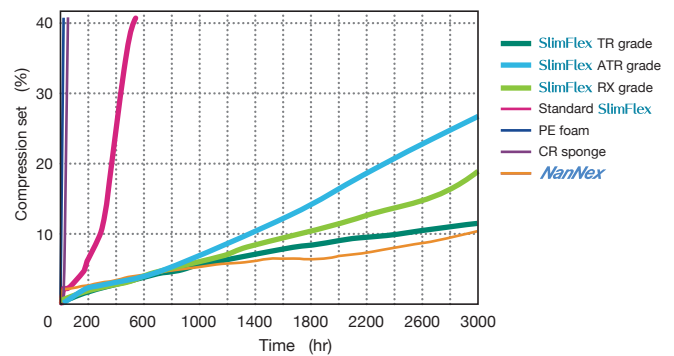
Compression Set (Temperature Dependence)

A sample is compressed 50% at each temperature and allowed to stand for 22 hours. After releasing the compression, leave it for 30 minutes, and measure the compression set.



Compression Set (Long-term Continuous Compression)

The sample is compressed by 50% and left at 80°C. After a predetermined time, the pressure is released and after 30 minutes, the thickness is measured to calculate the compression set.



Contact

INOAC U.S.A	TEL :+1-248-619-7031	INOAC Suzhou	TEL:+86-512-6280-7921	INOAC Indonesia	TEL:+62-21-350-4704
INOAC Korea	TEL :+82-31-8002-3366	INOAC Taipei	TEL:+886-2-8994-2255	INOAC Vietnam	TEL:+84-24-3818-2603
INOAC HongKong	TEL :+852-3910-4500	INOAC Singapore	TEL:+65-6877-9428	INOAC Philippines	TEL:+63-49-549-3331
INOAC Dongguan	TEL :+86-769-8617-6861	INOAC Thailand	TEL:+66-2-361-4450		

株式会社 イノアック コーポレーション
INOAC CORPORATION

Head Office 2-13-4 Meieki Minami, Nakamura-ku, Nagoya, Aichi 450-0003
TEL : +81-52-581-1086 FAX : +81-52-581-4726

Head Office 4F West-city Bldg., 2-9-3 Osaki, Shinagawa-ku, Tokyo 141-0032
(Tokyo) TEL : +81-3-3492-9171 FAX : +81-3-3492-9591

● This catalog is current as of July 2024. ● Any copy or reprint of charts, data and pictures are strictly prohibited without permission.